



Bioenno Power® Lithium Iron Phosphate (LiFePO₄) Batteries For E-bikes, E-Scooters, E-Motorcycles, Golf Carts, E-Wheelchairs, and Other Small Vehicles

Bioenno Power offers a variety of LiFePO₄ (lithium iron phosphate or LFP) batteries for e-bikes, e-scooters, e-motorcycles, golf carts, e-wheelchairs, and other small vehicles. These batteries are superior compared to lead acid batteries because of their (1) high specific energy capacity, (2) long cycle life [**~2000 cycles**], (3) compact size, (4) light weight, (5) superior thermal and chemical stability, (6) enhanced safety, (7) improved cost performance, and (8) enhanced charge and discharge rates.

All our batteries are backed by a **6 Month Warranty**. If you do not see the particular voltage, capacity, or discharge rate below, we can **custom manufacture** your battery, based on your specifications and requirements.

Model	Voltage	Capacity	Watt-Hours	Continuous Discharge Current	Max Pulse Discharge Current	Dimensions	Weight
BLF-1203T (PVC)	12V	3Ah	36 W-h	3A	10A	105x72x35 mm	0.86 lbs. (0.39 kg.)
BLF-1206T (PVC)	12V	6Ah	72 W-h	6A	15A	110x68x60 mm	1.98 lbs. (0.9 kg.)
BLF-1209T (Sealed)	12V	9Ah	108 W-h	9A	18A	150x95x65 mm	2.65 lbs. (1.2 kg.)
BLF-1210T (PVC)	12V	10Ah	120 W-h	10A	30A	146x94x75 mm	3.38 lbs. (1.53 kg.)
BLF-1212T (Sealed)	12V	12Ah	144 W-h	12A	36A	153x102x96 mm	3.5 lbs. (1.6 kg.)
BLF-1215T (Sealed)	12V	15Ah	180 W-h	12A	36A	150 x102x100 mm	3.53 lbs. (1.6 kg.)
BLF-1220T (PVC)	12V	20Ah	240 W-h	20A	60A	188 x126x93 mm	7 lbs. (3.18 kg.)
BLF-1220T (Sealed)	12V	20Ah	240 W-h	35A	45A	180x166x75 mm	6.61 lbs. (3 kg.)
BLF-2410T (Sealed)	24V	10Ah	240 W-h	10A	30A	180x165x75mm	5.29 lbs. (2.4 kg.)
BLF-2420T (Sealed)	24V	20Ah	480 W-h	20A	60A	200x145x200 mm	14.3 lbs. (6.5 kg.)
BLF-3610T (Sealed)	36V	10Ah	360 A-h	Contact Us	Contact Us	Contact Us	Contact Us
BLF-3620T (Sealed)	36V	20Ah	720 A-h	20A	60A	240x190x150 mm	18.7 lbs. (8.5 kg.)
BLF-4810T (Sealed)	48V	10Ah	480 W-h	20A	40A	230x155x135 mm	15.43 lbs. (7 kg.)
BLF-4820T (Sealed)	48V	20Ah	960 W-h	40A	80A	365x185x145 mm	24.25 lbs. (11 kg)



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